



3. A receiver as claimed in claim 1 comprising moving the input heterodynes into and through the filtering operation so that the spectral translations occur after the filtering to permit a single filter to service multiple channels.

4. A method for constructing overlapped spectral bands in a polyphase filter bank comprising the step of overlapping bands to permit undistorted access to signals with spectral content located at band edges of a channelizer that does not support overlapped spectra.

5. A method of cascading polyphase filters to effect an initial channelization comprising the steps of applying a first layer of translation, bandwidth reduction, and sample rate change, and applying a second layer of translation, bandwidth reduction, and sample rate change.